

Title (en)

METHOD AND DEVICE FOR DETERMINING PRECODING INFORMATION FOR UPLINK MULTI-ANTENNA TRANSMISSION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FESTLEGUNG VON PRÄKODIERUNGSMITTELSINFORMATIONEN FÜR UPLINK-MEHRANTENNEN-ÜBERTRAGUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE DÉTERMINER DES INFORMATIONS DE PRÉCODAGE POUR UNE TRANSMISSION DE LIAISON MONTANTE MULTI-ANTENNE

Publication

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Application

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Abstract (en)

The present invention relates to a wireless communication system, and more particularly, to a method and a device for determining precoding information for an uplink multi-antenna transmission. According to one embodiment of the present invention, a method for allowing a terminal to transmit uplink data through an HARQ method in a wireless communication system that supports MIMO transmission comprises the steps of: transmitting a plurality of data blocks to a base station on the basis of an uplink grant; receiving, from the base station, control information which indicates a NACK for some data blocks among the plurality of data blocks; selecting, according to a predetermined rule shared in the terminal and the base station, a precoding matrix which is to be applied to the data blocks for which the NACK is indicated; and retransmitting the data blocks, for which the NACK is indicated, to the base station by applying the selected precoding matrix.

IPC 8 full level

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Cited by

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